

WHAT IS CLAIMED IS:

1. A method for providing delivery of segmented data files comprising:  
receiving a request to send a data file to a target device;  
querying a directory for one or more segments corresponding to said data file,  
wherein each said segment includes a pointer to a data bundle located at one or more  
source locations;  
selecting one said source location for each said segment; and  
transmitting said data bundle from each said selected source location to said  
target device.
2. The method of claim 1 further comprising updating said directory with  
pointers to said target device for each said data bundle transmitted to said target  
device.
3. The method of claim 1 wherein said request is from said target device.
4. The method of claim 1 further comprising retransmitting said data bundle  
from one of said selected source locations in response to a transmission error.
5. The method of claim 1 further comprising transmitting instructions for  
reassembling said data file from said data bundles.
6. The method of claim 1 further comprising:  
receiving said data file;  
segmenting said data file into data bundles;  
staging said data bundles to one or more said source locations; and  
updating said directory to reflect said data bundles and said source locations  
for said data file.

7. The method of claim 1 wherein said selecting is responsive to a network topology.

8. The method of claim 1 wherein said selecting is responsive to capabilities at said one or more source locations.

9. The method of claim 1 wherein said data file includes one or more of a software package, a software patch and a software upgrade.

10. The method of claim 1 wherein said data file includes one or more of audio and video.

11. The method of claim 1 wherein said target device is a personal computer.

12. The method of claim 1 wherein said target device includes a video server.

13. The method of claim 1 wherein said target device includes an audio server.

14. The method of claim 1 wherein said target device is a hand held device with storage capability including one or more of a telephone, a personal digital assistant and an audio player.

15. The method of claim 1 wherein said target device is any device capable of storing said data file.

16. A system for providing delivery of segmented data files comprising:  
a network;  
a data file accessible via said network;  
a directory accessible via said network;  
a target device in communication with said network; and  
a network element in communication with said network including instructions  
to implement a method including:

receiving a request via said network to send said data file to said target  
device;

querying said directory via said network for one or more segments  
corresponding to said data file, wherein each said segment is located via a  
pointer to a data bundle located at one or more source locations;

selecting one said source location for each said segment; and

transmitting said data bundle via said network from each said selected  
source location to said target device.

17. The system of claim 16 wherein said network includes a wireless network.

18. The system of claim 16 wherein said network includes the Internet.

19. The system of claim 16 wherein said network includes a broadband  
network.

20. The system of claim 16 wherein said network is any network capable  
of transmitting data from one location to another location.

21. A computer program product for providing delivery of segmented data files, the computer program product comprising:

a storage medium readable by a processing circuit and storing instructions for execution by the processing circuit for performing a method comprising:

receiving a request to send a data file to a target device;

querying a directory for one or more segments corresponding to said data file, wherein each said segment includes a pointer to a data bundle located at one or more source locations;

selecting one said source location for each said segment; and

transmitting said data bundle from each said selected source location to said target device.